

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

2003 RHARIS1 00000087 10687765
1001 770.00 DP

Adjustment date: 02/03/2004 SDIRETA1
10/22/2003 RHARIS1 00000087 10687765
01 FC:1001 770.00 DP

02/03/2004 SDIRETA1 00000004 10687765
01 FC:2001 385.00 DP

Repln. Ref: 02/03/2004 SDIRETA1, 0010090000
DHH:JUV401 Name/Number:10687765
FC: 9204 \$385.00 CR

PTO-1556
(5/87)

Docket No.: A4263
AMA:059



Def & Ref Rm 307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Hiroaki Arai et al.

Serial No.: 10/687,765

Group Art Unit: Unknown

Filed: October 20, 2003

Examiner: Unknown

For: APPARATUS FOR ULTRASONICALLY DETECTING POSITION OF WEB EDGE
AND METHOD OF DOING THE SAME

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTENTION: FINANCE DIVISION

REQUEST FOR REFUND

Sir:

The undersigned respectfully requests a refund in the amount of \$385.00 for the above-identified patent application.

The above-referenced application was filed on October 20, 2003. Our check number 10001 in the sum of \$810.00 (copy attached) was submitted along with the new application documents on October 20, 2003.

Submitted herewith is Applicant's Submission of Verified Statement of Small Entity Status dated October 10, 2003. Thus, Applicant was entitled to file under a Small Entity Status.

Therefore, Applicant respectfully requests that \$385.00 of the new application fee be refunded.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

Sean M. McGinn

Registration No.: 34,386

Date:

1/23/04
McGinn & Gibb, PLLC

Intellectual Property Law

8321 Old Courthouse Road, Suite 200

Vienna, Virginia 22182-3817

(703) 761-4100

Customer No. 21254

Applicant or Patentee: _____ Attorney's
Serial or Patent No. _____ Docket No.: _____
Filed or Issued: _____
For: _____

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☐ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN NIRECO CORPORATION

ADDRESS OF CONCERN 2951-4, Ishikawa-Machi, Hachioji City, Tokyo, 192-8522, Japan

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled _____

APPARATUS FOR ULTRASONICALLY DETECTING POSITION OF WEB EDGE AND METHOD OF DOING THE SAME by _____
inventor(s)

Hiroaki ARAI and Eiichi KANNO

described in ☐ the specification filed herewith
☐ application Serial No. _____, filed _____
☐ Patent No. _____ issued _____

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Y shihik Oota (Presid nt)

TITLE OF PERSON OTHER THAN OWNER _____

ADDRESS OF PERSON SIGNING c/o NIRECO CORPORATION

2951-4, Ishikawa-Machi, Hachi ji City, Tokyo, 192-8522, Japan

SIGNATURE  DATE October 10, 2003

SYM/BKS
AMA-059 HAND DELIVERED

New Application Post Card Filing Receipt and
Request for Early Notification of Serial Number

Attorney's Docket Number: A426 ☒ Patent ☐ Trademark
Applicant's Name: HIROAKI ARAP, et al. Application Filing Date: 10/20/03

Title: Apparatus For Ultrasonically Detecting Position of web
Edge And Method of Doing the Same.
Papers Filed Herewith:

16 Pages Specification, Claims and Abstract 4 Total Claims 2 Independent Claims

4 Sheets ☒ (Figs. 1-4) Formal Drawings ☐ Informal Drawings ☐ Priority Document(s)

☒ Patent Application Transmittal Sheet ☒ Declaration/Power of Attorney

☒ IDS ☒ 1449 Form w/ 5 Documents ☒ Assignment ☒ Recordation Cover ☐

Other _____

Fees Filed Herewith: \$810.00 ☒ Check ☐ Charge Deposit Account: _____

check # 10,001



SYM/BKS
AMA-059 HAND DELIVERED

New Application Post Card Filing Receipt and
Request for Early Notification of Serial Number

Attorney's Docket Number: A426 ☒ Patent ☐ Trademark
Applicant's Name: HIROAKI ARAP, et al. Application Filing Date: 10/20/03

Title: Apparatus For Ultrasonically Detecting Position of web
Edge And Method of Doing the Same.
Papers Filed Herewith:

16 Pages Specification, Claims and Abstract 4 Total Claims 2 Independent Claims

4 Sheets ☒ (Figs. 1-4) Formal Drawings ☐ Informal Drawings ☐ Priority Document(s)

☒ Patent Application Transmittal Sheet ☒ Declaration/Power of Attorney

☒ IDS ☒ 1449 Form w/ 5 Documents ☒ Assignment ☒ Recordation Cover ☐

Other _____

Fees Filed Herewith: \$810.00 ☒ Check ☐ Charge Deposit Account: _____

check # 10,001

HAND DECIPHERED

☒ Patent ☐ Trademark
Application Filing Date: 10/20/03

electing Position of well
same.

Claims 2 Independent Claims

gs ☐ Priority Document(s)

Section/Power of Attorney

ment ☒ Recordation Cover ☐

Deposit Account:

RECORD OF PAYMENT OF EMPLOYEE PAY STATEMENT

~~Henry~~ 81000
~~Quinn~~ 81000
 A 4 26
 A 4 26

Eight hundred and twenty six per
A 426
A 426 59
A 426 59

DATE	TO THE ORDER OF	GROSS	INCOME TAX	SOCIAL SECURITY TAX	MEDICARE TAX	STATE TAX	CHECK NUMBER	NET AMOUNT PAID	TOTAL TIME
06-17-98	WELLS FARGO BANK						1000		

PAY PERIOD FROM

E. M. L.